

#4

Sheet 1 of 1

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Akio Kosaka

FILING DATE
July 15, 1999

GROUP ART UNIT
2744

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	JP-A-1-296885	11/30/89	Japan				
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

	AQ	
	AR	
	AS	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)